

CLAIMS

1. Ferritic stainless steel welded pipe superior in expandability, said ferritic stainless steel welded pipe characterized in that after forming, welding, and
5 sizing, a matrix of the welded pipe has an elongation in the circumferential direction of 15% or more.

2. Ferritic stainless steel welded pipe superior in expandability including one or both of Ti and Nb by wt% in an amount of 0.05 to 0.5%, said ferritic stainless
10 steel welded pipe characterized in that a hardness difference $\Delta HV (=HV_W - HV_M)$ between the Vicker's hardness HV_W of the weld zone and the Vicker's hardness HV_M of the matrix is 10 to 40 in range and in that a ratio RT
($=T_W/T_M$) between a bead thickness T_W of the weld zone and
15 a thickness T_M of the matrix is 1.05 to 1.3.

3. Ferritic stainless steel welded pipe superior in expandability as set forth in claim 1 or 2, characterized by using an original plate including, by wt%, C: 0.001 to 0.015%, Si: 0.01 to 1.0%, Mn: 0.01 to
20 1.0%, P: 0.01 to 0.03%, S: 0.0005 to 0.010%, N: 0.001 to 0.020%, Cr: 11 to 25%, Mo: 0.01 to 2.0%, one or both of Ti and Nb in 0.05 to 0.5%, and B: 0.0003 to 0.0030% and comprising a balance of Fe and unavoidable impurities,
25 having an elongation of the welded pipe plate in the direction becoming the circumferential direction of 30% or more, and having an average Lankford value (r value) of 1.5 or more.

4. A method of production of a welded pipe as set forth in any one of claims 1 to 3, characterized by
30 sizing of 0.5 to 2.0% in circumferential length after forming and welding.

5. A method of production of a welded pipe as set forth in claim 4, characterized by annealing at 700 to 850°C after forming, welding, and sizing.